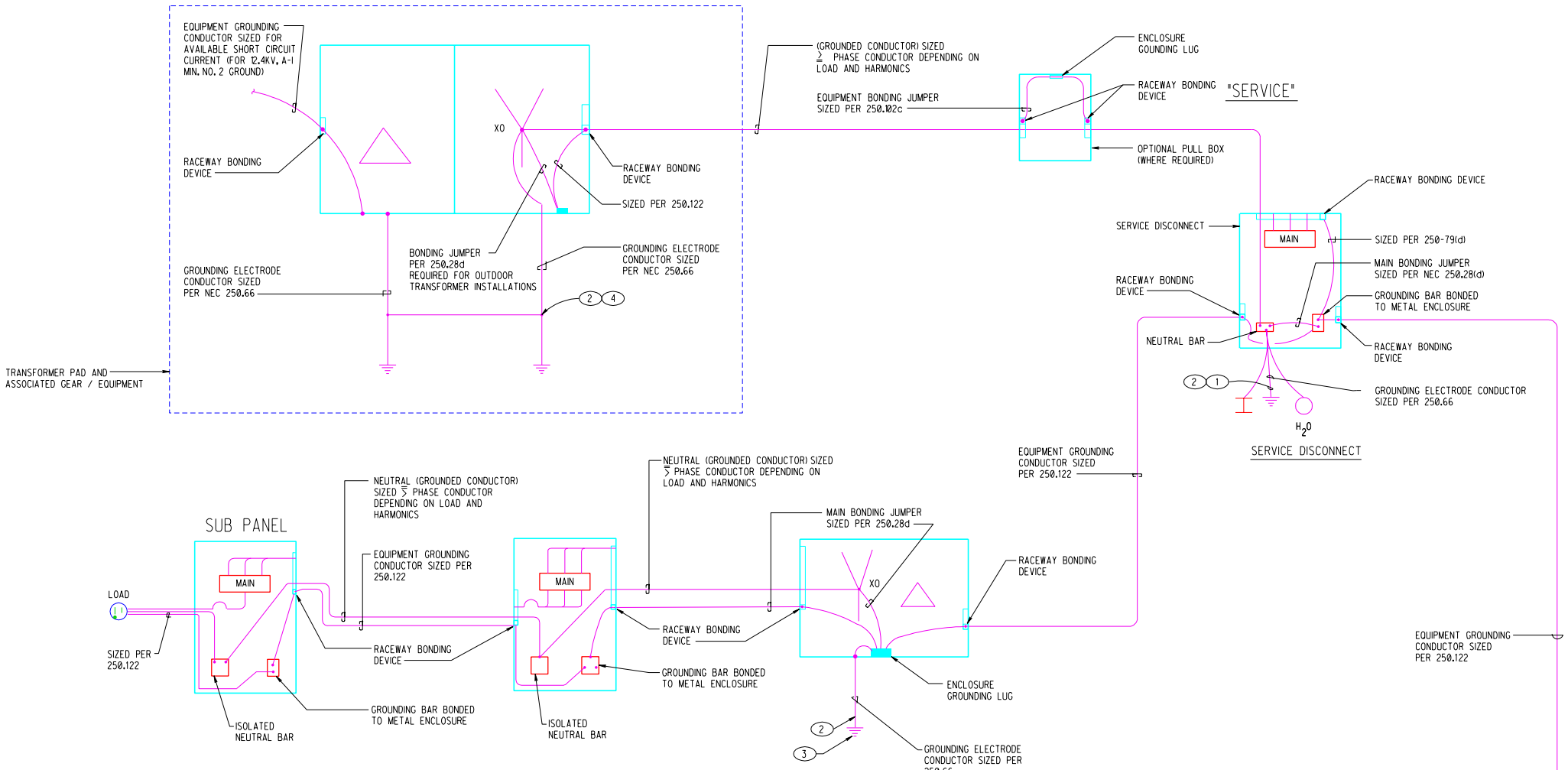
NOT TO BE USED AS A STANDARD DRAWING

DEVELOP SITE SPECIFIC DRAWINGS USING THESE GUIDELINES



GENERAL NOTES

1. OTHER SYSTEMS TO BE BONDED TO GROUNDING ELECTRODE SYSTEM.
   - A. LIGHTNING PROTECTION.
   - B. INTERIOR METALIC GAS PIPE.
   - C. ANTENAS.
   - D. TELEPHONE.
   - E. INTERIOR METAL WATER PIPE.
   - F. OTHER INTERIOR METAL PIPE SYSTEM.
2. ALL EQUIPMENT GROUNDING AND GROUNDED CONDUCTOR SIZES SHALL BE SHOWN ON ELECTRICAL DRAWINGS.
2. DRAWINGS REFLECT 2002 EDITION OF NATIONAL ELECTRIC CODE.

KEYED NOTES

(1) BUILDING GROUNDING ELECTRODE SYSTEM SHALL INCLUDE ALL AVAILABLE POINTS.

A) UNDERGROUND METAL WATER PIPE (WITHIN 5' OF ENTRANCE & PRIOR TO ANY VALVE)
B) BUILDING STEEL
C) OTHER METAL PIPING
D) MADE ELECTRODE

(2) GROUNDING ELECTRODE CONDUCTOR INSTALLED WITHOUT CONDUIT (USE CONDUIT FOR PHYSICAL PROTECTION WHEN APPROPRIATE) NEC 250-92.

(3) GROUNDING ELECTRODE SHALL BE ROUTED TO THE CLOSEST AVAILABLE ELECTRODE. (IN ORDER OF PREFERENCE)
   - a. BUILDING STEEL.
   - b. WATER PIPE.
   - c. MADE ELECTRODE BONDED AT SERVICE.

(4) TRANSFORMER COUNTER-POISE SYSTEM.

P.O. PROJECT NO.	REV	DATE	DESCRIPTION	DWN	CKD	APP
	△					
	△					
	△	6-15-01	UDS MODS	EG	FL	
	△A	6/28/94	GENERAL REVISIONS	JEM	WJK	

U.S. DEPARTMENT OF ENERGY
KIRTLAND AREA OFFICE — ALBUQUERQUE, NEW MEXICO

SANDIA NATIONAL LABORATORIES

STANDARD GROUNDING ONE-LINE DIAGRAM

P.O.	
PROJECT NO.	
DRAWN BY	J. MARTINEZ
CHECKED BY	K. WELLS
SNL ENGR	
DATE	10/92
SEQ.	

ELECTRICAL — STANDARD

SIZE D+ — DRAWING NO ES7001STD

OLD FILE NAME: 083639E21

MICROSTATION FILE
FILE NAME: ES7001STD.dgn
REFERENCE FILES:

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